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| Document #: CO-3 |   Standard Operating Procedure (SOP) | Status: v 0.0 Revised: June 01, 2020 Owner: Shared Health |
| Reprocessing Single Use N95 Respirators due to COVID-19 Sorting Compatible N95 Respirators for Reprocessing | | Page 1 of 3 |

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| Purpose | To collect and reprocess single use compatible N95 respirators with Health Canada approved methods. These will be stored and used as a backup supply to our regular inventory on the direction of the Provincial Ministry or Health Authority. |
| Types of N95 Respirators: | <ul style="list-style-type: none"> Refer to <i>CO-4 N95 Respirator Content Information from Vendors.</i> |

The Process:

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| Step | 1) Collecting N95 Respirators |
| 1.1 | Refer to <i>CO-1 N95 Respirator and Eye Protection Collection for Sterilization and Reuse.</i> |

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| Step | 2) Sorting |
| 2.1 | Use PPE (gown, gloves, mask, eye protection) when sorting respirators for reprocessing. |
| 2.2 | Collect bags that are ready to sort. |
| 2.3 | Empty bags onto a clean, dry surface for sorting. |
| 2.4 | <ul style="list-style-type: none"> Respirators not approved for reprocessing at this time. (Refer to above “Types of N95 Respirator” section) <ul style="list-style-type: none"> Place respirators into a clearly labelled bin for storage in a secure area awaiting direction for reprocessing. Reprocessed respirators will be marked with a letter to indicate the type of equipment used to reprocess it, and lines indicating the number of times the respirator has been reprocessed. If the respirator is unmarked, it has not yet been reprocessed. |

- Respirators reprocessed using the STERRAD 100S, NX, 100NX Sterilization Systems are labelled "A" on the respirator. These respirators may be reprocessed up to a maximum of two (2) times.



"A" = STERRAD 100S, NX, 100NX Sterilization Systems

- Respirators reprocessed using STERIZONE VP4 Sterilizer are labelled "X" on the respirator. These respirators may be reprocessed up to a maximum of two (2) times.



"X" = STERIZONE VP4 Sterilizer

- Respirators reprocessed using STERIS V-Pro 1 Plus, V-Pro maX, and V-Pro maX2 Sterilizers are labelled "N" on the respirator. These respirators may be reprocessed up to a maximum of ten (10) times.





"N" = STERIS V-Pro 1 Plus, V-Pro maX, and V-Pro maX2 Sterilizers

- Respirators reprocessed using Clēan Flow Health Care Mini are labelled "C" on the respirator. These respirators may be reprocessed up to a maximum of ten (10) times.



"C" = Clēan Flow Health Care Mini

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| | <ul style="list-style-type: none"> • If your site does not have the equipment to reprocess respirators labelled with a “C”, “A”, “X”, or “N”, <ul style="list-style-type: none"> ○ Place respirators into clearly labelled bins for return to a site that has the equipment to reprocess the respirator. • If the respirator has any other combination of markings, set aside for further examination. |
| 2.5 | <ul style="list-style-type: none"> • For sorting at a site using STERRAD, STERIZONE, or STERIS equipment for N95 reprocessing, <ul style="list-style-type: none"> ○ Discard any respirators that are soiled, wet, damp, stained, ripped, broken straps, or otherwise damaged. ○ Discard any respirators that have been reprocessed to the maximum allowed number of reprocessing cycles (Refer to Sorting Step 2.). ○ Respirators in good shape and have less than the maximum allowed reprocessing cycles will move on to reprocessing. • For sorting at a site using the Clēan Flow Health Care Mini for N95 reprocessing, <ul style="list-style-type: none"> ○ Respirators that are soiled, wet, damp, stained, ripped, broken straps, or otherwise damaged will be placed into a bin marked “NRC” for separate reprocessing and shipping (once disinfected) to the National Research Council Canada (NRC) (as per contract, if NRC study is active). If NRC study is no longer active, discard. ○ Respirators already reprocessed to the maximum ten (10) times will be placed into a bin marked “NRC” for separate reprocessing and shipping (once disinfected) to NRC (as per contract, if NRC study is active). If NRC study is no longer active, discard. ○ Respirators in good shape and have less than the maximum ten (10) reprocessing cycles will move on to reprocessing. |
| 2.6 | <ul style="list-style-type: none"> • Sort respirators into “like” piles (equipment letter, respirator type and size) |
| 2.7 | <ul style="list-style-type: none"> • Once sorting is complete, respirators in good shape will move on to peel pouching (if required) and reprocessing. • Important - Do not mix reprocessing methods. Respirators already reprocessed through one equipment type must only be reprocessed by this equipment type for any subsequent reprocessing. |